

ABSTRACT OF THE DISCLOSURE

A solid electrolytic capacitor has a structure in which a dielectric layer and a metal layer are formed in this order on the surface of an anode. The anode is composed of a porous sinter of tantalum particles. The dielectric layer is composed of a dielectric oxide film formed by anodizing the surface of the anode in an aqueous solution consisting of phosphoric acid, for example. The metal layer is formed by preparing a silver paste by mixing silver particles having an average particle diameter of not larger than 0.05 μm , a protective colloid, and an organic solvent, and applying the silver paste on the surface of the dielectric layer, and drying the silver paste at a temperature of 150°C or higher. Further, the anode is connected with an anode terminal, and the metal layer is connected with a cathode terminal through a conductive adhesive.